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Express Mail No:EL833230286US  
Attorney Docket:HrdMgmtCIP

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IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

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In Re the Application of: Jack C. Whittier, Barbi A. Riggs, Patrick D. Burns and George Seidel

Serial Number: 09/879,480

Filed: June 12, 2001

For: Integrated Herd Management System Utilizing Isolated Populations of X-Chromosome Bearing and Y-Chromosome Bearing Spermatozoa

Assignee: Colorado State University through its agent Colorado State University Research Foundation

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**PRELIMINARY AMENDMENT**

Before examining the above-referenced application, please amend the application as follows:

In the specification:

Before the first sentence of the first paragraph of the application please insert:

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A1 --This application is a continuation-in-part of United States Patent Application No. 09/511,959, filed February 23, 2000, which was a division of United States Patent Application No. 09/001,394, filed December 31, 1997, issued as United States Patent No. 6,149,867; and is a continuation-in-part of United States Patent Application No. 09/582,809, filed June 30, 2000, which was a United States National Stage of International Patent Application No. PCT/US98/127,909, filed December 31, 1998, which was a continuation-in-part of United States Patent Application No. 09/001,394, filed December 31, 1997, issued as United States Patent No. 6,149,867 and United States Patent Application No. 09/015,454,

correl A1

filed January 29, 1998, issued as United States Patent No. 6,017,689; and is a continuation-in-part of United States Patent Application No. 09/448,643 filed November 24, 1999, which was a continuation of United States Patent Application No. 09/015,454, filed January 29, 1998, issued as United States Patent No. 6,017,689; and is a continuation-in-part of United States Patent Application No. 09/744,675, filed January 29, 2001, which claims the benefit of United States Provisional Patent Application No. 60/113,143, filed December 18, 1998, and United States Provisional Patent Application No. 60/094,720, filed June 30, 1998, and claims the benefit of United States Provisional Patent Application No. 60/224,050, filed August 9, 2000, and United States Provisional Patent Application No. 60/211,093, filed June 12, 2000.--

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Also, please find attached copies of references that were not provided with the original filing on June 12, 2001, but were listed on the Information Disclosure Statement. Please kindly accept these references and place them with the already filed cited art for this application.

#### REMARKS

The applicant amends the priority statement in the specification to comport with the Declaration of Inventor requested by the office and submits references that were not provided with the original filing, but were identified on the Information Disclosure Statement.

#### CONCLUSION

The applicant submits this Preliminary Amendment to amend the above-identified application, requests entry of the priority statement into the specification and provides references.

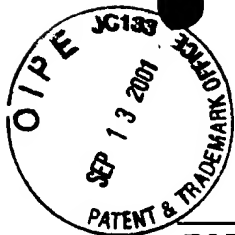
Dated this 10 day of September, 2001.

Respectfully Submitted,  
SANTANGELO LAW OFFICES, P.C.

By 

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Bearing Spermatozoa

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University Research Foundation

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**CERTIFICATE OF EXPRESS MAILING**

I, Shannon Nation-Kammerer, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.
2. I have this day deposited the attached Preliminary Amendment with the United States Postal Service as "Express Mail" for mailing to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Dated this 10 day of September, 2001.

*Shannon Nation-Kammerer*